FTER all, the situation as regards automobile manufacturing in this country is by no means settled. It did look last week as if "finis" had been written to passenger car-making, after January 1, 1919, for the duration of the war. Later developments make it appear that there is no definite order to quit building automobiles. Of course, if supplies of materials are so small that nothing is left over for other industries after the government's war needs are met, automatically there will be a shutting down of motor car production, as well as that of the other lines affected. But that situation, proceeding from natural causes, is better than to be ordered to shut down, even if the effect is the same.

The most regrettable thing about an order to quit would be that it must proceed from government opinion that the passenger automobile is not a necessity. I believe, emphatically, and I am sure the representatives of the industry can prove, that the automobile is a real and important need in our everyday life.

That there are some persons who do not really need their cars and can dispense with them is unquestionable. But my belief is that these persons are in a minority. It isn't fair to judge the automobile from the occasional example of its being used for amusement only. Scanning the country over, the estimate that 90 per cent of the motor cars in use fill a utility want does not seem out of line.

To the Packard Motor Car Company we are indebted for the slogan, "Save a freight car for Uncle Sam." That applies to motor truck operation the country over. Why not a similar slogan for the users of passenger automobiles-"Save a day coach for Uncle Sam?" Keep your automobile up at its best running pitch and use it for passenger transportation of all sorts, so that the railroad burden of passenger haulage may be lightened as much as possible. This will leave the railroad lines free for the transporting of goods war goods particularly. Keep your automobile running with this object in view, and I do not see why that is not a

## Great Call for Motor Trucks

THERE are great days ahead for the makers of commercial vehicles. To begin with, they are not likely to come under any governmental limitation of output. A commercial vehicle is, on its face, a utility. And what a wide market there is for motor trucks! There are more than 5,000,000 motor vehicles registered in the United States, but only about 600,000 of the total are commercial vehicles. This is in the ratio of one

There is a field for vastly more motor trucks. The substitution of motor vehicles for railroad freight cars for long hauls and short hauls points out one field. Brisker business in ever so many other lines in the United States implies the installation of trucks. It is a safe estimate to say that there is a field for certainly more than 2,000,000 motor trucks

Statistics reported by the B. F. Goodrich Rubber Company are that in England there are 40,000 trucks to 250,000 automobiles. There is a far larger demand in this country than in England for motor vehicles. This is pretty well shown by the fact that five states of the Union-New York, Ohio, Pennsylvania, Iowa and California-each have more cars registered than there are in England altogether. This state alone has more than 420,000. Small wonder that every day sees announcements of the formation of new motor truck manufacturing companies, or that established passenger car makers have entered the commercial field.

## A Nuisance That Should Be Checked

A MONG prime nuisances a leading place belongs to these new whistles A MONG prime nuisances a leading place belongs to these new whistles that many motor trucks and some touring cars are using. They are engine-driven, as has been explained. They are inserted in the place of a motorist who did their own driving that many motor trucks and some touring cars are using. They are engine-driven, as has been explained. They are inserted in the place of a their own or more of the lights go out. The causes of this trouble are many at their garage or while on the road. They need it, but do not grind them on general principles, nor longer than you would about your own. Don't be forever fussing at night is to have one or more of the lights go out. The causes of this trouble are many at their garage or while on the road.

hat many motor trucks and some touring cars are using. They are inserted in the place of a petcock, and the faster the engine goes the more noise they make. The riot of an automobile so equipped, going down through a crowded thoroughdrace, where it is found necessary to give warning signals was enumerately the system and a little expected with sufficient command of such race, where it is found necessary to give warning signals was suppressed. Legislation has tended to faunt to found ward the elimination of unnecessary noises in this city, and we surely can class this blatant whistle as not only not needed, but something that we would do well to go without.

Bringing Out the Oldtimers

Whith the decreasing output of new cars for the market, of course the second-hand cars come into their own. And not only are the automobile second-hand cars come into their own. And not only are the automobile secently second-hand in demand, but I have noticed some antiques on the road do not provide the content of the plant the cause of the system of a later study. If the second-hand cars come into their own. And not only are the automobile secently second-hand in demand, but I have not card the farming of the second-hand in demand, but I have not card the farming on this page, by Frank Beck, The Tribune's motor card the farming on this page, by Frank Beck, The Tribune's motor card the farming of the second thank to the s

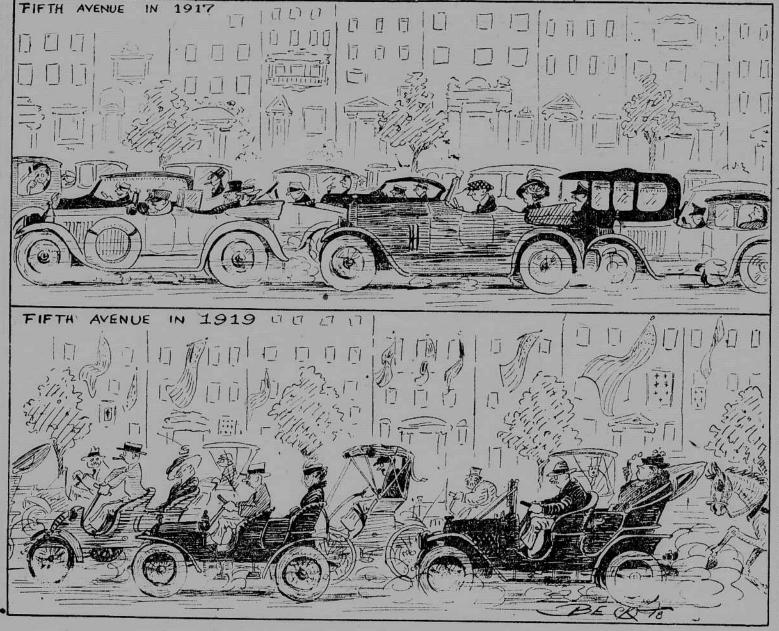
toonist, isn't by any means so fanciful a picture as it might seem. The on steering column or on the instrument board near the ammeter; fourth, the fuse box, which is usually near the switch or under the hood, and,

selfs the steep of diese steepes summerber.

The streeping on this page, by Protitis Sect. The Tribunc's motor grant of bread new automobiles and two control of the streeping o

Arthur C. Warren, formerly of the Whitney Motor Company, has become assistant to Guy Vaughan at the Wright-Martin plant in Long Island City.

# Not Such a Flight of Fancy, Either



## There Is No Need to Motor Your Way In Darkness

By William H. Stewart, Jr.

When One Light Goes Out

If only one light goes out we immediately inspect for a defective light bulb or see if the controlling fuse has blown. If it has there is probably a short circuit on that line or else the fuse may have worn out. Do not replace the burned out fuse until the short has been found and removed. If the fuse is intact there is a break somewhere on the line to the light, probably a loose terminal.

If a light flickers—that is, goes on and off intermittently—that indicates a leose connection. Do not confuse this with the case of a weak battery, when the light rises and falls with the speed

of the engine. Here the battery has not power enough to feed the lights, and so the generator carries the load. By going ever the lighting system occasionally until it is understood and by systematic searching fer trouble when it occurs any motorist will eventually master the entire system.

Crind Valves Only When You're Sure

## Trouble of Tire Charging Saved by Service Plan

It used to be not so long ago that

September 1 and thereafter.

# They Need It

By M. Clifford Brokaw

## Leaving Inlet Valves Alone

To call the new Pierce-Arrow engine a 24-valve engine would perhaps have an unadvertising value. The factory name for the new type of six-cylinder is "dual valve six."

They Call It the

"Dual Valve Six"

Care About Push Rod Clearance

It is well to check up the push red clearance before and after valve

# Vermont's Beautiful Valleys Offer Charming Motor Tour

## Country Abounds in Scenic Delights and Good Roads, Too

A trip through the Green Mountain country, outlined for motorists by the Automobile Club of America, lies through a section rich in natural attractions, in historic memories and in the necessary element of good roads. heads along our journey are Mounts Killington and Mansfield, the Camel's Hump, Mount Lincoln and Mount Jay. Great forests of hemlock, pine and spruce cover the sides of the mountains and give the mountain range and the state, too, their appropriate names. In the fertile valleys agriculture flourishes in many forms and stock raising is one of the principal activities.

The first section of the route leaves New York by way of Central Park and Seventh Avenue to 145th Street. A right turn is made crossing the Harlem River, then a left turn into Mott Avenue, which becomes the Grand Concourse. About a mile beyond a right turn is made into Fordham Road, becoming Pelham Parkway, which is followed to New Rochelle. The route con-

lowed to New Rochelle. The route continues along the Sound through Larchmont, Mamaroneck and Port Chester to Greenwich and on to Stamford, Norwalk and Bridgeport, fifty-eight miles from New York, on all good hard surface road.

Four miles beyond Bridgeport, at Strafford, the route turns due north and skirts the west shore of the Housatonic River to Shelton, where the bridge to Derby is crossed over the confluence of the Housatonic and Naugatuck rivers. The Naugatuck Valley is followed through Seymour and Beacon Falls to Waterbury (ninety-one miles from New York), one of Connecticut's industrial centres. necticut's industrial centres.

## Over Southington Mountain

From Waterbury to Hartford and over the Southington Mountain the road is good, the grades are easy and the view from the summit over the Quinnipiac Valley includes a wide ex-

grinding—before, because there may be not enough clearance to allow the valve to seat, thus causing the leak which appears to make grinding necessary. Adjust there will not be enough grinding to call for an adjustment.

Before grinding make sure that the valve needs it, and do not grind any more than is necessary. After you have ground enough to give a tight seat all further effort expended in waste; more, it is harmful to the engine.

The conclusion is, therefore, grinding make sure flat waste; more, it is harmful to the engine.

The conclusion is, therefore, grind may the main line through Bernardston, the main line through Bernardston, the main line through Bernardston. The waste ground enough to give a tight waste; more, it is harmful to the engine.

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Is You How Follow the Connecticut Valley through Charleston to Claremont, from which a short run east over good roads goes to Sunapee Lake, a beautiful body of water located in a 25,000 acre pre-

of water located in a 25,000 acre preserve.

After retracing the way west to Claremont the road goes north through the picturesque villages of Cornish and Hartland to Woodstock, an excellent stopping point. From Woodstock the road crosses the Connecticut River at White River Junction and follows one of New Hampshire's famous gravel state roads through Woodsville, Lisbon, and Franconia to Bethlehem. From Bethlehem there is a road which is somewhat shorter over the mountain through Waterford to St. Johnsbury, but the preferable way, including both good roads and scenery, is via Twin Mountain to Jefferson, in the heart of the White Mountain region.

At Lancaster cross the Connecticut River into Vermont again and continue through Lunenburg and North Concord to St. Johnsbury.

Report Farmers Biggest

through Lunenburg and North Concord to St. Johnsbury. Motorists who have the time to extend the trip will enjoy a delightful route through rugged country by running due north through Lydanville and around Willoughby Lake to Newport, and then across to Burlington via Lowell and Johnson.

## Through the Winooski Valley

From St. Johnsbury the main route runs by way of Winocski Valley, through Montpelier, the state capital, and Waterbuyy, Vt., to Burlington.

## Lighting-Up Time

the links of the Ekwanok Country Club From Manchester the route continues south through Bennington to William town, the picturesque site of William south through Bennington to Williamstown, the picturesque site of Williams College. The Berkshire Hills are now traversed, as the road lends through Pittsfield to Lenox and thence through the Berkshires via Stockbridge and Great Barrington, crossing the Connecticut line at Canaan, thence down the Naugatuck Valley through Torrington to Waterbury, returning to New

napee Lake Preserve
the Connecticut Valley barleston to Claremont, from
The roof is epened like a book.

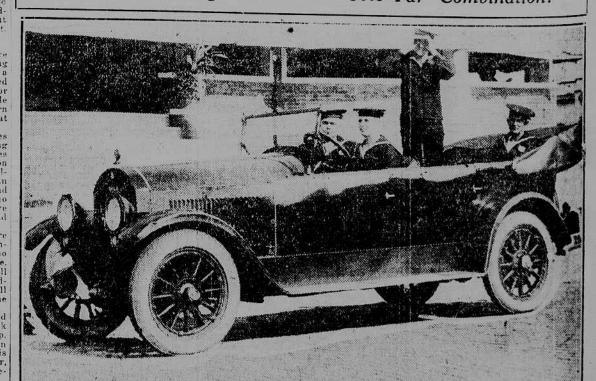
The root is opened like a book.
The neighbors laugh, with one ac
They all refuse the proffered ride
They say well, I don't care, best
It's quite the best I can afford.

## Report Farmers Biggest Users of Motor Trucks

The biggest users of commercial vehicles in the United States are not the merchants or the manufacturers, but the farmers. Statistics given by the B. F. Goodrich Rubber Company show that trucks engaged in the haulage of grain, produce, truck and livestock in the rural districts head the list with 79,789 during 1917.

Next rank manufacturers, with 65,928, and then retailers, with 64, 486. According to the figures there are 238 commercial vehicle manufacturers in the United States Ninety thousand trucks were made during 1917, and it is estimated that in 1918 production will go over the 200,000 mark.

# Would You Say This Is a Cole-Tar Combination?



He's looking toward you, the Jack-Tar standing erect in the tonneau of the Cole Aero-Eight as portrayed. And, del reader, you are no doubt as well worth looking at as the car is. Which is no small compliment to you, at that,